

**TOOLS NEEDED**

- Drill
- Appropriate mounting hardware for material being mounted to

**Step 1**

Locate the controller’s mounting location. Use an optional wall mount template to aid in drilling pilot holes as needed.



**NOTE:** Never mount directly below flush valves or penal manifolds.

Controllers shall be mounted where all solenoid and sensor leads can reach the controller without putting undue stress on the leads.

Mount upright with the hinge on the left side. All wires enter the controller from the bottom.

**Step 2**

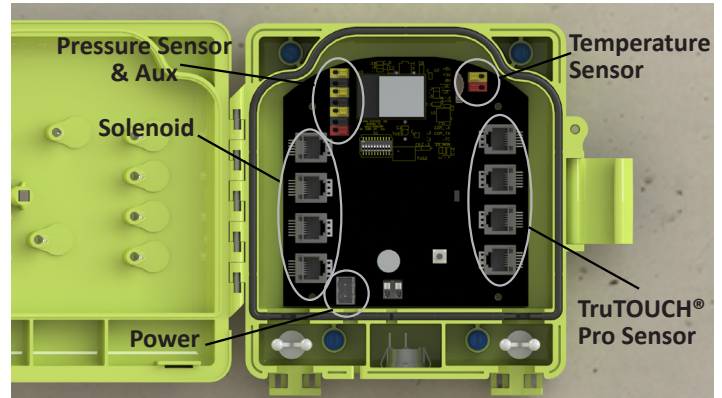
Mount the controller to the surface using the appropriate hardware for the surface being mounted to.



**NOTE:** Adhesives are never an approved means of mounting. Use a minimum of 2 mounting points in opposite corners to each other.

**Step 3**

Plug in power, sensor, solenoid, and communication cables as necessary. All wiring enters the controller from the bottom, allowing the cover to close completely.



**NOTE:** All exposed wired must fit inside the terminal block so as not to “short” against any other component or wire.

Only one power wire will enter a controller. Daisy chaining power is not approved.

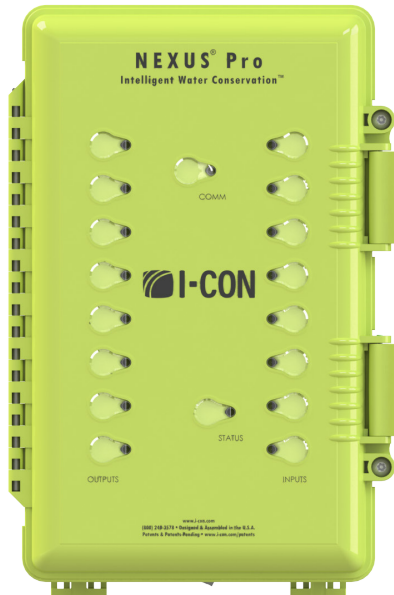
The power LED should be lit when the rocker switch on the bottom is in the “on” position.

If using an optional wired communication cable, it will daisy chain entering and exiting from opposite sides of the controller.

**Step 4**

Function test the controller. Press a TruTOUCH® Pro sensor and ensure the appropriate solenoid activates. Ensure any pressure, temperature, or other auxiliary devices are functioning.

**NEXUS® Pro LED INDICATORS**



**Output LEDs**

The LED illumination is color-coded according to the state of the output port.

**Red** – indicates a hot water port.  
Running when bright, idle when dim

**Blue** – Indicates a cold-water port.  
Running when bright, idle when dim

**Green** – Indicates a flush port.  
Running when bright, idle when dim

**Purple** – Indicates a shower port.  
Running when bright, idle when dim

**Orange** – Indicates a custom user-defined port.  
Running when bright, idle when dim.

**Teal** – Firmware is being updated

**Bright Red** – Indicates the port is unusable due to lockouts, Schedules, AUX devices, P/T Alarm, and Lockdowns or the end of a runtime

**White** – Indicates the port is unusable due to Daily Lockout

**Yellow Flash** – Indicates a rebuild is suggested for the associated valve

**Comm LED**

LED illumination is color-coded according to the state of the communication daughterboard

**White** – Daughterboard powered but not communicating with the controller

**Red** – Daughterboard is disconnected from ENVISAGE® Pro

**Yellow** – Connected to a network

**Green** – Connected to ENVISAGE® Pro

**Blinking** - Communication occurring

**Input LED**

Illuminate green when the sensor is pressed

**Board Errors**

Board errors display on the output, status, and input LEDs

**Blink Red** - Board error

**Blink Orange** - Board Warning

**Status LED**

LED illumination is color-coded according to the state of the controller

**Yellow** - The controller is powered on

**Teal** – Firmware update or settings change

**Solid Red** – Board Error

**Single Blink Red** – Real Time Clock battery low

**Double Blink Red** – Real-Time Clock not running

**Blink Orange** – Maintenance Mode

**Dim Red** – Brown out (low power situation, no other LEDs will be illuminated

The status LED blinks orange when maintenance mode is activated.